



BHARATIYA VIDYA BHAVAN'S
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Munshi nagar, Andheri (W) ,Mumbai - 400058
(Autonomous Institute Affiliated to University of Mumbai)
[Department of Computer Science and Engineering (Master of
Computer Applications)]

CLASS: F.Y. MCA

SEM: I

AY:24-25

COURSE CODE: MC504

SUBJECT NAME: WEB TECHNOLOGY LAB

ROLL NO. : 2024510022

BATCH: B

NAME: ABHISHEK BHOLA JHA

EXPERIMENT NO: 09 & 10

EXPERIMENT TITLE: Develop a Website Using MERN(MongDB, Express, React and NodeJS) Stack.

Code:

1) Frontend

main.jsx

```
import React, { createContext, useState } from "react";

import ReactDOM from "react-dom/client";

import App from "./App.jsx";

export const Context = createContext({

  isAuthorized: false,

});

const AppWrapper = () => {

  const [isAuthorized, setIsAuthorized] = useState(false);

  const [user, setUser] = useState({});
```



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```
return (  
  <Context.Provider  
    value={{  
      isAuthorized,  
      setIsAuthorized,  
      user,  
      setUser,  
    }}  
  >  
    <App />  
  </Context.Provider>  
);  
};  
  
ReactDOM.createRoot(document.getElementById("root")).render(  
  <React.StrictMode>  
    <AppWrapper />  
  </React.StrictMode>  
);
```

App.jsx

```
import React, { useContext, useEffect } from "react";  
import "../App.css";
```



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```
import { Context } from "../main";

import { BrowserRouter, Route, Routes } from "react-router-dom";

import Login from "../components/Auth/Login";

import Register from "../components/Auth/Register";

import { Toaster } from "react-hot-toast";

import axios from "axios";

import Navbar from "../components/Layout/Navbar";

import Footer from "../components/Layout/Footer";

import Home from "../components/Home/Home";

import Jobs from "../components/Job/Jobs";

import JobDetails from "../components/Job/JobDetails";

import Application from "../components/Application/Application";

import                                MyApplications                                from
"../components/Application/MyApplications";

import PostJob from "../components/Job/PostJob";

import NotFound from "../components/NotFound/NotFound.jsx";

import MyJobs from "../components/Job/MyJobs";


const App = () => {

    const { isAuthorized, setIsAuthorized, setUser } =
useContext(Context);

    useEffect(() => {

        const fetchUser = async () => {

            try {
```



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```
const response = await axios.get(

  "http://localhost:4000/api/v1/user/getuser",

  {

    withCredentials: true,

  }

);

setUser(response.data.user);

setIsAuthorized(true);

} catch (error) {

  setIsAuthorized(false);

}

};

fetchUser();

}, [isAuthorized]);

return (

  <>

  <BrowserRouter>

    <Navbar />

    <Routes>

      <Route path="/login" element={<Login />} />

      <Route path="/register" element={<Register />} />

      <Route path="/" element={<Home />} />

      <Route path="/job/getall" element={<Jobs />} />
```



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```
        <Route path="/job/:id" element={<JobDetails />} />

        <Route path="/application/:id" element={<Application
/>} />

        <Route path="/applications/me" element={<MyApplications
/>} />

        <Route path="/job/post" element={<PostJob />} />

        <Route path="/job/me" element={<MyJobs />} />

        <Route path="*" element={<NotFound />} />

    </Routes>

    <Footer />

    <Toaster />

  </BrowserRouter>

</>

);

};

export default App;
```

Components

1) Application

Application.jsx

```
import axios from "axios";

import React, { useContext, useState } from "react";

import toast from "react-hot-toast";
```



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```
import { useNavigate, useParams } from "react-router-dom";

import { Context } from "../../main";

const Application = () => {

  const [name, setName] = useState("");

  const [email, setEmail] = useState("");

  const [coverLetter, setCoverLetter] = useState("");

  const [phone, setPhone] = useState("");

  const [address, setAddress] = useState("");

  const [resume, setResume] = useState(null);

  const { isAuthorized, user } = useContext(Context);

  const navigateTo = useNavigate();

  // Function to handle file input changes

  const handleFileChange = (event) => {

    const resume = event.target.files[0];

    setResume(resume);

  };

  const { id } = useParams();

  const handleApplication = async (e) => {

    e.preventDefault();

    const formData = new FormData();
```



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```
formData.append("name", name);

formData.append("email", email);

formData.append("phone", phone);

formData.append("address", address);

formData.append("coverLetter", coverLetter);

formData.append("resume", resume);

formData.append("jobId", id);

try {

    const { data } = await axios.post(

        "http://localhost:4000/api/v1/application/post",

        formData,

        {

            withCredentials: true,

            headers: {

                "Content-Type": "multipart/form-data",

            },

        }

    );

    setName("");

    setEmail("");

    setCoverLetter("");

    setPhone("");

    setAddress("");
```



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```
setResume("");

toast.success(data.message);

navigateTo("/job/getall");

} catch (error) {

    toast.error(error.response.data.message);

}

};

if (!isAuthorized || (user && user.role === "Employer")) {

    navigateTo("/");

}

return (

    <section className="application">

        <div className="container">

            <h3>Application Form</h3>

            <form onSubmit={handleApplication}>

                <input

                    type="text"

                    placeholder="Your Name"

                    value={name}

                    onChange={(e) => setName(e.target.value)}

                />

                <input
```




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```
        type="email"

        placeholder="Your Email"

        value={email}

        onChange={ (e) => setEmail(e.target.value) }

    />

    <input

        type="number"

        placeholder="Your Phone Number"

        value={phone}

        onChange={ (e) => setPhone(e.target.value) }

    />

    <input

        type="text"

        placeholder="Your Address"

        value={address}

        onChange={ (e) => setAddress(e.target.value) }

    />

    <textarea

        placeholder="CoverLetter..."

        value={coverLetter}

        onChange={ (e) => setCoverLetter(e.target.value) }

    />

    <div>

        <label
```



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```
                style={{ textAlign: "start", display: "block",
fontSize: "20px" }}

                >

                Select Resume

            </label>

            <input

                type="file"

                accept=".pdf, .jpg, .png"

                onChange={handleFileChange}

                style={{ width: "100%" }}

            />

        </div>

        <button type="submit">Send Application</button>

    </form>

</div>

</section>

);

};

export default Application;
```

MyApplication.jsx

```
import React, { useContext, useEffect, useState } from "react";

import { Context } from ".././main";

import axios from "axios";
```



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```
import toast from "react-hot-toast";

import { useNavigate } from "react-router-dom";

import ResumeModal from "../ResumeModal";

const MyApplications = () => {

  const { user } = useContext(Context);

  const [applications, setApplications] = useState([]);

  const [modalOpen, setModalOpen] = useState(false);

  const [resumeImageUrl, setResumeImageUrl] = useState("");

  const { isAuthorized } = useContext(Context);

  const navigateTo = useNavigate();

  useEffect(() => {

    try {

      if (user && user.role === "Employer") {

        axios

.get("http://localhost:4000/api/v1/application/employer/getall",
{

      withCredentials: true,

    })

    .then((res) => {

      setApplications(res.data.applications);

    });

  }

}
```



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```
    } else {  
  
        axios  
  
        .get("http://localhost:4000/api/v1/application/jobseeker/getall",  
        {  
  
            withCredentials: true,  
  
        })  
  
        .then((res) => {  
  
            setApplications(res.data.applications);  
  
        });  
  
    }  
  
    } catch (error) {  
  
        toast.error(error.response.data.message);  
  
    }  
  
    }, [isAuthorized]);  
  
    if (!isAuthorized) {  
  
        navigateTo("/");  
  
    }  
  
    const deleteApplication = (id) => {  
  
        try {  
  
            axios  
  
            .delete(`http://localhost:4000/api/v1/application/delete/${id}`,  
            {
```



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```
        withCredentials: true,

    })

    .then((res) => {

        toast.success(res.data.message);

        setApplications((prevApplication) =>

            prevApplication.filter((application) =>

                application._id !== id)

            );

    });

} catch (error) {

    toast.error(error.response.data.message);

}

};

const openModal = (imageUrl) => {

    setResumeImageUrl(imageUrl);

    setModalOpen(true);

};

const closeModal = () => {

    setModalOpen(false);

};

return (

    <section className="my_applications page">
```



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```
{user && user.role === "Job Seeker" ? (  
  
  <div className="container">  
  
    <h1>My Applications</h1>  
  
    {applications.length <= 0 ? (  
  
      <>  
  
        {" "  
  
        <h4>No Applications Found</h4>{" "  
  
      </>  
  
    ) : (  
  
      applications.map((element) => {  
  
        return (  
  
          <JobSeekerCard  
  
            element={element}  
  
            key={element._id}  
  
            deleteApplication={deleteApplication}  
  
            openModal={openModal}  
  
          />  
  
        );  
  
      })  
  
    )}  
  
  </div>  
  
) : (  
  
  <div className="container">  
  
    <h1>Applications From Job Seekers</h1>
```



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```
{applications.length <= 0 ? (  
  
  <>  
  
  <h4>No Applications Found</h4>  
  
  </>  
  
) : (  
  
  applications.map((element) => {  
  
    return (  
  
      <EmployerCard  
  
        element={element}  
  
        key={element._id}  
  
        openModal={openModal}  
  
      />  
  
    );  
  
  })  
  
  )}  
  
</div>  
  
  )}  
  
  {modalOpen && (  
  
    <ResumeModal    imageUrl={resumeImageUrl}  
onClose={closeModal} />  
  
  )}  
  
</section>  
  
  );  
  
};
```



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```
export default MyApplications;  
  
const JobSeekerCard = ({ element, deleteApplication, openModal })  
=> {  
  
  return (  
  
    <>  
  
    <div className="job_seeker_card">  
  
      <div className="detail">  
  
        <p>  
  
          <span>Name:</span> {element.name}  
  
        </p>  
  
        <p>  
  
          <span>Email:</span> {element.email}  
  
        </p>  
  
        <p>  
  
          <span>Phone:</span> {element.phone}  
  
        </p>  
  
        <p>  
  
          <span>Address:</span> {element.address}  
  
        </p>  
  
        <p>  
  
          <span>CoverLetter:</span> {element.coverLetter}  
  
        </p>  
  
      </div>  
  
      <div className="resume">
```




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```
<img  
  src={element.resume.url}  
  alt="resume"  
  onClick={() => openModal(element.resume.url)}  
/>  
</div>  
  
<div className="btn_area">  
  <button onClick={() => deleteApplication(element._id)}>  
    Delete Application  
  </button>  
</div>  
</div>  
</>  
);  
};  
  
const EmployerCard = ({ element, openModal }) => {  
  return (  
    <>  
      <div className="job_seeker_card">  
        <div className="detail">  
          <p>  
            <span>Name:</span> {element.name}  
          </p>  
        </div>  
      </div>  
    </>  
  )  
}
```



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```
<p>

    <span>Email:</span> {element.email}

</p>

<p>

    <span>Phone:</span> {element.phone}

</p>

<p>

    <span>Address:</span> {element.address}

</p>

<p>

    <span>CoverLetter:</span> {element.coverLetter}

</p>
</div>

<div className="resume">

    <img

        src={element.resume.url}

        alt="resume"

        onClick={ () => openModal(element.resume.url) }

    />

</div>

</div>

</>

);

};
```



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2) Auth

Login.jsx

```
import React, { useContext, useState } from "react";

import { MdOutlineMailOutline } from "react-icons/md";

import { RiLock2Fill } from "react-icons/ri";

import { Link, Navigate } from "react-router-dom";

import { FaRegUser } from "react-icons/fa";

import axios from "axios";

import toast from "react-hot-toast";

import { Context } from "../main";

const Login = () => {

  const [email, setEmail] = useState("");

  const [password, setPassword] = useState("");

  const [role, setRole] = useState("");

  const { isAuthorized, setIsAuthorized } =
    useContext(Context);

  const handleLogin = async (e) => {

    e.preventDefault();

    try {

      const { data } = await axios.post(

        "http://localhost:4000/api/v1/user/login",

        { email, password, role },
```



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```
{  
  
  headers: {  
  
    "Content-Type": "application/json",  
  
  },  
  
  withCredentials: true,  
  
}  
  
);  
  
toast.success(data.message);  
  
setEmail("");  
  
setPassword("");  
  
setRole("");  
  
setIsAuthorized(true);  
  
} catch (error) {  
  
  toast.error(error.response.data.message);  
  
}  
  
};  
  
  
if(isAuthorized){  
  
  return <Navigate to={'/'}/>  
  
}  
  
  
return (  
  
  <>  
  
  <section className="authPage">
```



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```
<div className="container">

  <div className="header">

    <h3>Login to your account</h3>

  </div>

  <form>

    <div className="inputTag">

      <label>Login As</label>

      <div>

        <select value={role} onChange={(e) =>
setRole(e.target.value)}>

          <option value="">Select Role</option>

          <option value="Employer">Employer</option>

          <option value="Job Seeker">Job
Seeker</option>

        </select>

        <FaRegUser />

      </div>

    </div>

    <div className="inputTag">

      <label>Email Address</label>

      <div>

        <input

          type="email"

          placeholder="Enter a Email"

        />

      </div>

    </div>

  </form>

</div>
```



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```
        value={email}

        onChange={ (e) => setEmail (e.target.value) }

    />

    <MdOutlineMailOutline />

</div>

</div>

<div className="inputTag">

    <label>Password</label>

    <div>

        <input

            type="password"

            placeholder="Your Password"

            value={password}

                                onChange={ (e) =>
setPassword (e.target.value) }

        />

        <RiLock2Fill />

    </div>

</div>

<button type="submit" onClick={handleLogin}>

    Login

</button>

<Link to={"/register"}>Register Now</Link>

</form>

</div>
```



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```
<div className="banner">

</div>

</section>

</>

);

};

export default Login;
```

Register.jsx

```
import React, { useContext, useState } from "react";

import { FaRegUser } from "react-icons/fa";

import { MdOutlineMailOutline } from "react-icons/md";

import { RiLock2Fill } from "react-icons/ri";

import { FaPencilAlt } from "react-icons/fa";

import { FaPhoneFlip } from "react-icons/fa6";

import { Link, Navigate } from "react-router-dom";

import axios from "axios";

import toast from "react-hot-toast";

import { Context } from "../main";

const Register = () => {

    const [email, setEmail] = useState("");
```



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```
const [name, setName] = useState("");

const [phone, setPhone] = useState("");

const [password, setPassword] = useState("");

const [role, setRole] = useState("");


const { isAuthorized, setIsAuthorized, user, setUser } =
useContext(Context);


const handleRegister = async (e) => {

  e.preventDefault();

  try {

    const { data } = await axios.post(

      "http://localhost:4000/api/v1/user/register",

      { name, phone, email, role, password },

      {

        headers: {

          "Content-Type": "application/json",

        },

        withCredentials: true,

      }

    );

    toast.success(data.message);

    setName("");

    setEmail("");

    setPassword("");
```




```

    setPhone("");

    setRole("");

    setIsAuthorized(true);
  } catch (error) {

    toast.error(error.response.data.message);

  }
};

if(isAuthorized){

  return <Navigate to={'/'}/>

}

return (

  <>

    <section className="authPage">

      <div className="container">

        <div className="header">

          <h3>Create a new account</h3>

        </div>

        <form>

          <div className="inputTag">

            <label>Register As</label>

```



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```
<div>

                                <select value={role} onChange={(e) =>
setRole (e.target.value) }>

                                <option value="">Select Role</option>

                                <option value="Employer">Employer</option>

                                <option value="Job Seeker">Job Seeker</option>

                                </select>

                                <FaRegUser />

</div>

</div>

<div className="inputTag">

    <label>Name</label>

    <div>

        <input

            type="text"

            placeholder="Enter a Name"

            value={name}

            onChange={(e) => setName (e.target.value) }

        />

        <FaPencilAlt />

    </div>

</div>

<div className="inputTag">

    <label>Email Address</label>

    <div>
```



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```
<input
  type="email"
  placeholder="Enter a Email"
  value={email}
  onChange={ (e) => setEmail(e.target.value) }
/>

<MdOutlineMailOutline />

</div>

</div>

<div className="inputTag">

  <label>Phone Number</label>

  <div>

    <input
      type="number"
      placeholder="Enter a Phone Number"
      value={phone}
      onChange={ (e) => setPhone(e.target.value) }
    />

    <FaPhoneFlip />

  </div>

</div>

<div className="inputTag">

  <label>Password</label>

  <div>
```



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```
        <input
          type="password"
          placeholder="your password"
          value={password}
          onChange={ (e) => setPassword(e.target.value) }
        />

        <RiLock2Fill />

      </div>

    </div>

    <button type="submit" onClick={handleRegister}>

      Register

    </button>

    <Link to={"/login"}>Login Now</Link>

  </form>

</div>

<div className="banner">

</div>

</section>

</>

);

};

export default Register;
```



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3) Home

Home.jsx

```
import React from "react";

import { useContext } from "react";

import { Context } from "../../main";

import { Navigate } from "react-router-dom";

import HeroSection from "../HeroSection";

import HowItWorks from "../HowItWorks";

import PopularCategories from "../PopularCategories";

import PopularCompanies from "../PopularCompanies";

const Home = () => {

  const { isAuthorized } = useContext(Context);

  if (!isAuthorized) {

    return <Navigate to={"/login"} />;

  }

  return (

    <>

      <section className="homePage page">

        <HeroSection />

        <HowItWorks />

        <PopularCategories />

        <PopularCompanies />

      </section>

    </>

  )
}
```



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```
</>

);

};

export default Home;
```

4) Job

Job.jsx

```
import React, { useContext, useEffect, useState } from
"react";

import axios from "axios";

import { Link, useNavigate } from "react-router-dom";

import { Context } from "../main";

const Jobs = () => {

  const [jobs, setJobs] = useState([]);

  const { isAuthorized } = useContext(Context);

  const navigateTo = useNavigate();

  useEffect(() => {

    try {

      axios

        .get("http://localhost:4000/api/v1/job/getall", {

          withCredentials: true,

        })

        .then((res) => {
```



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```
        setJobs(res.data);

    });

    } catch (error) {

        console.log(error);

    }

}, []);

if (!isAuthorized) {

    navigateTo("/");

}

return (

    <section className="jobs page">

        <div className="container">

            <h1>ALL AVAILABLE JOBS</h1>

            <div className="banner">

                {jobs.jobs &&

                    jobs.jobs.map((element) => {

                        return (

                            <div className="card" key={element._id}>

                                <p>{element.title}</p>

                                <p>{element.category}</p>

                                <p>{element.country}</p>

                                <Link to={` /job/${element._id}`}>Job

Details</Link>

                            </div>

                        )
                    })
                }

            </div>

        </div>

    </section>

);
```



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```
        );  
    }  
}  
  
</div>  
  
</div>  
  
</section>  
  
);  
};  
  
export default Jobs;
```

JobDetails.jsx

```
import React, { useContext, useEffect, useState } from  
"react";  
  
import { Link, useParams } from "react-router-dom";  
  
import axios from "axios";  
  
import { useNavigate } from "react-router-dom";  
  
import { Context } from "../main";  
  
const JobDetails = () => {  
  
    const { id } = useParams();  
  
    const [job, setJob] = useState({});  
  
    const navigateTo = useNavigate();  
  
    const { isAuthorized, user } = useContext(Context);  
  
    useEffect(() => {
```




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```
axios

.get(`http://localhost:4000/api/v1/job/${id}`, {

  withCredentials: true,

})

.then((res) => {

  setJob(res.data.job);

})

.catch((error) => {

  navigateTo("/notfound");

});

}, []);

if (!isAuthorized) {

  navigateTo("/login");

}

return (

  <section className="jobDetail page">

    <div className="container">

      <h3>Job Details</h3>

      <div className="banner">

        <p>

          Title: <span> {job.title}</span>

        </p>

      </div>

    </div>

  </section>

);
```



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```
<p>

    Category: <span>{job.category}</span>

</p>

<p>

    Country: <span>{job.country}</span>

</p>

<p>

    City: <span>{job.city}</span>

</p>

<p>

    Location: <span>{job.location}</span>

</p>

<p>

    Description: <span>{job.description}</span>

</p>

<p>

    Job Posted On: <span>{job.jobPostedOn}</span>

</p>

<p>

    Salary:{ " " }

    {job.fixedSalary ? (

        <span>{job.fixedSalary}</span>

    ) : (

        <span>
```



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```
        {job.salaryFrom} - {job.salaryTo}

        </span>

    })

</p>

{user && user.role === "Employer" ? (

    <></>

    ) : (

        <Link to={` /application/${job._id}`}>Apply
Now</Link>

    )}

</div>

</div>

</section>

);

};

export default JobDetails;
```

PostJobs.jsx

```
import React, { useContext, useEffect, useState } from "react";

import axios from "axios";

import toast from "react-hot-toast";

import { useNavigate } from "react-router-dom";

import { Context } from "../../main";

const PostJob = () => {
```



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```
const [title, setTitle] = useState("");

const [description, setDescription] = useState("");

const [category, setCategory] = useState("");

const [country, setCountry] = useState("");

const [city, setCity] = useState("");

const [location, setLocation] = useState("");

const [salaryFrom, setSalaryFrom] = useState("");

const [salaryTo, setSalaryTo] = useState("");

const [fixedSalary, setFixedSalary] = useState("");

const [salaryType, setSalaryType] = useState("default");

const { isAuthorized, user } = useContext(Context);

const handleJobPost = async (e) => {

  e.preventDefault();

  if (salaryType === "Fixed Salary") {

    setSalaryFrom("");

    setSalaryFrom("");

  } else if (salaryType === "Ranged Salary") {

    setFixedSalary("");

  } else {

    setSalaryFrom("");

    setSalaryTo("");

    setFixedSalary("");

  }

}
```



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```
}  
  
await axios  
  
  .post(  
  
    "http://localhost:4000/api/v1/job/post",  
  
    fixedSalary.length >= 4  
  
    ? {  
  
      title,  
  
      description,  
  
      category,  
  
      country,  
  
      city,  
  
      location,  
  
      fixedSalary,  
  
    }  
  
    : {  
  
      title,  
  
      description,  
  
      category,  
  
      country,  
  
      city,  
  
      location,  
  
      salaryFrom,  
  
      salaryTo,  
  
    },  
  
  ),  
  
}
```



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```
{  
  
  withCredentials: true,  
  
  headers: {  
  
    "Content-Type": "application/json",  
  
  },  
  
}  
  
)  
  
  .then((res) => {  
  
    toast.success(res.data.message) ;  
  
  })  
  
  .catch((err) => {  
  
    toast.error(err.response.data.message) ;  
  
  });  
  
};  
  
  
const navigateTo = useNavigate();  
  
if (!isAuthorized || (user && user.role !== "Employer")) {  
  
  navigateTo("/");  
  
}  
  
  
return (  
  
  <>  
  
  <div className="job_post page">  
  
    <div className="container">
```



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```
<h3>POST NEW JOB</h3>

<form onSubmit={handleJobPost}>

  <div className="wrapper">

    <input

      type="text"

      value={title}

      onChange={ (e) => setTitle(e.target.value) }

      placeholder="Job Title"

    />

    <select

      value={category}

      onChange={ (e) => setCategory(e.target.value) }

    >

      <option value="">Select Category</option>

      <option value="Graphics & Design">Graphics &
Design</option>

      <option value="Mobile App Development">

        Mobile App Development

      </option>

      <option value="Frontend Web Development">

        Frontend Web Development

      </option>

      <option value="MERN Stack Development">

        MERN STACK Development

      </option>
```



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```
        <option value="Account & Finance">Account &
Finance</option>

        <option value="Artificial Intelligence">

        Artificial Intelligence

        </option>

        <option value="Video Animation">Video
Animation</option>

        <option value="MEAN Stack Development">

        MEAN STACK Development

        </option>

        <option value="MEVN Stack Development">

        MEVN STACK Development

        </option>

        <option value="Data Entry Operator">Data Entry
Operator</option>

    </select>

</div>

<div className="wrapper">

    <input

        type="text"

        value={country}

        onChange={ (e) => setCountry (e.target.value) }

        placeholder="Country"

    />

    <input

        type="text"
```




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```
        value={city}

        onChange={ (e) => setCity(e.target.value) }

        placeholder="City"

    />
</div>

<input

    type="text"

    value={location}

    onChange={ (e) => setLocation(e.target.value) }

    placeholder="Location"

/>

<div className="salary_wrapper">

    <select

        value={salaryType}

        onChange={ (e) => setSalaryType(e.target.value) }

    >

        <option value="default">Select Salary
Type</option>

        <option value="Fixed Salary">Fixed
Salary</option>

        <option value="Ranged Salary">Ranged
Salary</option>

    </select>

    <div>

        {salaryType === "default" ? (

            <p>Please provide Salary Type *</p>
```



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```
    ) : salaryType === "Fixed Salary" ? (

        <input

            type="number"

            placeholder="Enter Fixed Salary"

            value={fixedSalary}

                                onChange={ (e) =>
setFixedSalary(e.target.value) }

        />

    ) : (

        <div className="ranged_salary">

            <input

                type="number"

                placeholder="Salary From"

                value={salaryFrom}

                                onChange={ (e) =>
setSalaryFrom(e.target.value) }

            />

            <input

                type="number"

                placeholder="Salary To"

                value={salaryTo}

                                onChange={ (e) =>
setSalaryTo(e.target.value) }

            />

        </div>

    ) }
}
```



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```
        </div>

    </div>

    <textarea

        rows="10"

        value={description}

        onChange={ (e) => setDescription(e.target.value) }

        placeholder="Job Description"

    />

    <button type="submit">Create Job</button>

</form>

</div>

</div>

</>

);

};

export default PostJob;
```

5) Layout

Navbar.jsx

```
import React, { useContext, useEffect, useState } from "react";

import { Context } from "../../main";

import { Link, useNavigate } from "react-router-dom";

import axios from "axios";
```



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```
import toast from "react-hot-toast";

import { GiHamburgerMenu } from "react-icons/gi";

const Navbar = () => {

  const [show, setShow] = useState(false);

  const { isAuthorized, setIsAuthorized, user } =
    useContext(Context);

  const navigateTo = useNavigate();

  const handleLogout = async () => {

    try {

      const response = await axios.get(

        "http://localhost:4000/api/v1/user/logout",

        {

          withCredentials: true,

        }

      );

      toast.success(response.data.message);

      setIsAuthorized(false);

      navigateTo("/login");

    } catch (error) {

      toast.error(error.response.data.message);

      setIsAuthorized(true);

    }

  };

};
```



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```
return (  
  
  <nav className={isAuthorized ? "navbarShow" : "navbarHide"}>  
  
    <div className="container">  
  
      <div className="logo">  
  
          
  
      </div>  
  
      <ul className={!show ? "menu" : "show-menu menu"}>  
  
        <li>  
  
          <Link to="/" onClick={() => setShow(false)}>  
  
            HOME  
  
          </Link>  
  
        </li>  
  
        <li>  
  
          <Link to="/job/getall" onClick={() =>  
setShow(false)}>  
  
            ALL JOBS  
  
          </Link>  
  
        </li>  
  
        <li>  
  
          <Link to="/applications/me" onClick={() =>  
setShow(false)}>  
  
            {user && user.role === "Employer"  
  
              ? "APPLICANT'S APPLICATIONS"  
  
              : "MY APPLICATIONS"}  
  
          </Link>  
  
        </li>  
  
      </ul>  
  
    </div>  
  
  </nav>  
  
)
```



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```
        </Link>

    </li>

    {user && user.role === "Employer" ? (

        <>

            <li>

                <Link to={"/job/post"} onClick={() =>
setShow(false)}>

                    POST NEW JOB

                </Link>

            </li>

            <li>

                <Link to={"/job/me"} onClick={() =>
setShow(false)}>

                    VIEW YOUR JOBS

                </Link>

            </li>

        </>

    ) : (

        <></>

    )}

    <button onClick={handleLogout}>LOGOUT</button>

</ul>

<div className="hamburger">

    <GiHamburgerMenu onClick={() => setShow(!show)} />
```



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```
        </div>

    </div>

</nav>

);

};

export default Navbar;
```

Footer.jsx

```
import React, { useContext } from "react";

import { Context } from "../../main";

import { Link } from "react-router-dom";

import { FaFacebookF, FaYoutube, FaLinkedin } from
"react-icons/fa";

import { RiInstagramFill } from "react-icons/ri";

const Footer = () => {

    const { isAuthorized } = useContext(Context);

    return (

        <footer className={isAuthorized ? "footerShow" :
"footerHide"}>

            <div>&copy; All Rights Reserved By CodeWithZeeshu.</div>

            <div>

                <Link to="/" target="_blank">

                    <FaFacebookF />
```



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```
    </Link>

    <Link to={"/"} target="_blank">

        <FaYoutube />

    </Link>

    <Link to={"/"} target="_blank">

        <FaLinkedin />

    </Link>

    <Link to={"/"} target="_blank">

        <RiInstagramFill />

    </Link>

</div>

</footer>

);

};

export default Footer;
```

2) Backend

server.js

```
import app from "../App.js";

import clouinary from "clouinary";
```




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```
cloudinary.v2.config({  
  
  cloud_name: process.env.CLOUDINARY_CLIENT_NAME,  
  
  api_key: process.env.CLOUDINARY_CLIENT_API,  
  
  api_secret: process.env.CLOUDINARY_CLIENT_SECRET,  
  
});  
  
app.listen(process.env.PORT, ()=>{  
  
  console.log(`Server running at port ${process.env.PORT}`);  
  
})
```

App.js

```
import express from "express";  
  
import { dbConnection } from "../database/dbConnection.js";  
  
import jobRouter from "../routes/jobRoutes.js";  
  
import userRouter from "../routes/userRoutes.js";  
  
import applicationRouter from "../routes/applicationRoutes.js";  
  
import { config } from "dotenv";  
  
import cors from "cors";  
  
import { errorMiddleware } from "../middlewares/error.js";  
  
import cookieParser from "cookie-parser";  
  
import fileUpload from "express-fileupload";  
  
const app = express();  
  
config({ path: "../config/config.env" });
```



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```
app.use(  
  cors({  
    origin: [process.env.FRONTEND_URL],  
    method: ["GET", "POST", "DELETE", "PUT"],  
    credentials: true,  
  })  
);  
  
app.use(cookieParser());  
app.use(express.json());  
app.use(express.urlencoded({ extended: true }));  
  
app.use(  
  fileUpload({  
    useTempFiles: true,  
    tempFileDir: "/tmp/",  
  })  
);  
  
app.use("/api/v1/user", userRouter);  
app.use("/api/v1/job", jobRouter);  
app.use("/api/v1/application", applicationRouter);  
  
dbConnection();
```



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```
app.use(errorMiddleware);  
  
export default app;
```

dbConnection.js

```
import mongoose from "mongoose";  
  
export const dbConnection = () => {  
  
  mongoose  
  
    .connect(process.env.MONGO_URI, {  
  
      dbName: "MERN_JOB_SEEKING_WEBAPP",  
  
    })  
  
    .then(() => {  
  
      console.log("Connected to database.");  
  
    })  
  
    .catch((err) => {  
  
      console.log(`Some Error occurred. ${err}`);  
  
    });  
  
};
```

UserSchema.js

```
import mongoose from "mongoose";  
  
import validator from "validator";  
  
import bcrypt from "bcrypt";  
  
import jwt from "jsonwebtoken";
```



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```
const userSchema = new mongoose.Schema({

  name: {

    type: String,

    required: [true, "Please enter your Name!"],

    minLength: [3, "Name must contain at least 3 Characters!"],

    maxLength: [30, "Name cannot exceed 30 Characters!"],

  },

  email: {

    type: String,

    required: [true, "Please enter your Email!"],

    validate: [validator.isEmail, "Please provide a valid Email!"],

  },

  phone: {

    type: Number,

    required: [true, "Please enter your Phone Number!"],

  },

  password: {

    type: String,

    required: [true, "Please provide a Password!"],

    minLength: [8, "Password must contain at least 8 characters!"],

    maxLength: [32, "Password cannot exceed 32 characters!"],

    select: false,

  },

},
```



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```
role: {

  type: String,

  required: [true, "Please select a role"],

  enum: ["Job Seeker", "Employer"],

},

createdAt: {

  type: Date,

  default: Date.now,

},

});

//ENCRYPTING THE PASSWORD WHEN THE USER REGISTERS OR MODIFIES HIS
PASSWORD

userSchema.pre("save", async function (next) {

  if (!this.isModified("password")) {

    next();

  }

  this.password = await bcrypt.hash(this.password, 10);

});

//COMPARING THE USER PASSWORD ENTERED BY USER WITH THE USER SAVED
PASSWORD

userSchema.methods.comparePassword = async function
(enteredPassword) {

  return await bcrypt.compare(enteredPassword, this.password);
```



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```
};

//GENERATING A JWT TOKEN WHEN A USER REGISTERS OR LOGINS, IT
DEPENDS ON OUR CODE THAT WHEN DO WE NEED TO GENERATE THE JWT
TOKEN WHEN THE USER LOGIN OR REGISTER OR FOR BOTH.

userSchema.methods.getJWTToken = function () {

    return jwt.sign({ id: this._id }, process.env.JWT_SECRET_KEY, {

        expiresIn: process.env.JWT_EXPIRE,

    });

};

export const User = mongoose.model("User", userSchema);
```

jobSchema.js

```
import mongoose from "mongoose";

const jobSchema = new mongoose.Schema({

    title: {

        type: String,

        required: [true, "Please provide a title."],

        minLength: [3, "Title must contain at least 3 Characters!"],

        maxLength: [30, "Title cannot exceed 30 Characters!"],

    },

    description: {

        type: String,
```



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```
    required: [true, "Please provide decription."],  
  
    minLength: [30, "Description must contain at least 30  
Characters!"],  
  
    maxLength: [500, "Description cannot exceed 500  
Characters!"],  
  
  },  
  
  category: {  
  
    type: String,  
  
    required: [true, "Please provide a category."],  
  
  },  
  
  country: {  
  
    type: String,  
  
    required: [true, "Please provide a country name."],  
  
  },  
  
  city: {  
  
    type: String,  
  
    required: [true, "Please provide a city name."],  
  
  },  
  
  location: {  
  
    type: String,  
  
    required: [true, "Please provide location."],  
  
    minLength: [20, "Location must contian at least 20  
characters!"],  
  
  },  
  
  fixedSalary: {  
  
    type: Number,
```



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```
    minLength: [4, "Salary must contain at least 4 digits"],
    maxLength: [9, "Salary cannot exceed 9 digits"],
  },
  salaryFrom: {
    type: Number,
    minLength: [4, "Salary must contain at least 4 digits"],
    maxLength: [9, "Salary cannot exceed 9 digits"],
  },
  salaryTo: {
    type: Number,
    minLength: [4, "Salary must contain at least 4 digits"],
    maxLength: [9, "Salary cannot exceed 9 digits"],
  },
  expired: {
    type: Boolean,
    default: false,
  },
  jobPostedOn: {
    type: Date,
    default: Date.now,
  },
  postedBy: {
    type: mongoose.Schema.ObjectId,
    ref: "User",
```




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```
    required: true,

  },

});

export const Job = mongoose.model("Job", jobSchema);
```

applicationSchema.js

```
import mongoose from "mongoose";
import validator from "validator";

const applicationSchema = new mongoose.Schema({

  name: {

    type: String,

    required: [true, "Please enter your Name!"],

    minLength: [3, "Name must contain at least 3 Characters!"],

    maxLength: [30, "Name cannot exceed 30 Characters!"],

  },

  email: {

    type: String,

    required: [true, "Please enter your Email!"],

    validate: [validator.isEmail, "Please provide a valid  
Email!"],

  },

  coverLetter: {

    type: String,
```



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```
    required: [true, "Please provide a cover letter!"],
  },
  phone: {
    type: Number,
    required: [true, "Please enter your Phone Number!"],
  },
  address: {
    type: String,
    required: [true, "Please enter your Address!"],
  },
  resume: {
    public_id: {
      type: String,
      required: true,
    },
    url: {
      type: String,
      required: true,
    },
  },
  applicantID: {
    user: {
      type: mongoose.Schema.Types.ObjectId,
      ref: "User",
```



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```
    required: true,

  },

  role: {

    type: String,

    enum: ["Job Seeker"],

    required: true,

  },

},

employerID: {

  user: {

    type: mongoose.Schema.Types.ObjectId,

    ref: "User",

    required: true,

  },

  role: {

    type: String,

    enum: ["Employer"],

    required: true,

  },

},

});

export const Application = mongoose.model("Application",
applicationSchema);
```



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UserController.js

```
import { catchAsyncErrors } from
"../middlewares/catchAsyncError.js";

import { User } from "../models/userSchema.js";

import ErrorHandler from "../middlewares/error.js";

import { sendToken } from "../utils/jwtToken.js";

export const register = catchAsyncErrors(async (req, res, next)
=> {

  const { name, email, phone, password, role } = req.body;

  if (!name || !email || !phone || !password || !role) {

    return next(new ErrorHandler("Please fill full form!"));

  }

  const isEmail = await User.findOne({ email });

  if (isEmail) {

    return next(new ErrorHandler("Email already registered!"));

  }

  const user = await User.create({

    name,

    email,

    phone,

    password,

    role,

  });

  sendToken(user, 201, res, "User Registered!");
```



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```
});  
  
export const login = catchAsyncErrors(async (req, res, next) => {  
  const { email, password, role } = req.body;  
  
  if (!email || !password || !role) {  
    return next(new ErrorHandler("Please provide email ,password  
and role."));  
  }  
  
  const user = await User.findOne({ email }).select("+password");  
  
  if (!user) {  
    return next(new ErrorHandler("Invalid Email Or Password.",  
400));  
  }  
  
  const isPasswordMatched = await user.comparePassword(password);  
  
  if (!isPasswordMatched) {  
    return next(new ErrorHandler("Invalid Email Or Password.",  
400));  
  }  
  
  if (user.role !== role) {  
    return next(  
      new ErrorHandler(`User with provided email and ${role} not  
found!`, 404)  
    );  
  }  
  
  sendToken(user, 201, res, "User Logged In!");  
});
```



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```
export const logout = catchAsyncErrors(async (req, res, next) =>
{
  res

    .status(201)

    .cookie("token", "", {

      httpOnly: true,

      expires: new Date(Date.now()),

    })

    .json({

      success: true,

      message: "Logged Out Successfully.",

    });

});

export const getUser = catchAsyncErrors((req, res, next) => {

  const user = req.user;

  res.status(200).json({

    success: true,

    user,

  });

});
```

jobController.js



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```
import { catchAsyncErrors } from
"../middlewares/catchAsyncError.js";

import { Job } from "../models/jobSchema.js";

import ErrorHandler from "../middlewares/error.js";

export const getAllJobs = catchAsyncErrors(async (req, res, next)
=> {

  const jobs = await Job.find({ expired: false });

  res.status(200).json({

    success: true,

    jobs,

  });

});

export const postJob = catchAsyncErrors(async (req, res, next) =>
{

  const { role } = req.user;

  if (role === "Job Seeker") {

    return next(

      new ErrorHandler("Job Seeker not allowed to access this
resource.", 400)

    );

  }

  const {

    title,

    description,
```



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```
category,  
  
country,  
  
city,  
  
location,  
  
fixedSalary,  
  
salaryFrom,  
  
salaryTo,  
  
} = req.body;  
  
if (!title || !description || !category || !country || !city ||  
!location) {  
  
    return next(new ErrorHandler("Please provide full job  
details.", 400));  
  
}  
  
if ((!salaryFrom || !salaryTo) && !fixedSalary) {  
  
    return next(  
  
        new ErrorHandler(  
  
            "Please either provide fixed salary or ranged salary.",  
  
            400  
  
        )  
  
    );  
  
}  
  
if (salaryFrom && salaryTo && fixedSalary) {
```




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```
return next(  
    new ErrorHandler("Cannot Enter Fixed and Ranged Salary  
together.", 400)  
);  
  
}  
  
const postedBy = req.user._id;  
  
const job = await Job.create({  
    title,  
    description,  
    category,  
    country,  
    city,  
    location,  
    fixedSalary,  
    salaryFrom,  
    salaryTo,  
    postedBy,  
});  
  
res.status(200).json({  
    success: true,  
    message: "Job Posted Successfully!",  
    job,  
});  
});
```



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```
export const getMyJobs = catchAsyncErrors(async (req, res, next) => {  
  
  const { role } = req.user;  
  
  if (role === "Job Seeker") {  
  
    return next(  
  
      new ErrorHandler("Job Seeker not allowed to access this resource.", 400)  
  
    );  
  
  }  
  
  const myJobs = await Job.find({ postedBy: req.user._id });  
  
  res.status(200).json({  
  
    success: true,  
  
    myJobs,  
  
  });  
  
});
```

```
export const updateJob = catchAsyncErrors(async (req, res, next) => {  
  
  const { role } = req.user;  
  
  if (role === "Job Seeker") {  
  
    return next(  
  
      new ErrorHandler("Job Seeker not allowed to access this resource.", 400)  
  
    );  
  
  }  
  
  const { id } = req.params;
```



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```
let job = await Job.findById(id);

if (!job) {

    return next(new ErrorHandler("OOPS! Job not found.", 404));

}

job = await Job.findByIdAndUpdate(id, req.body, {

    new: true,

    runValidators: true,

    useFindAndModify: false,

});

res.status(200).json({

    success: true,

    message: "Job Updated!",

});

});

export const deleteJob = catchAsyncErrors(async (req, res, next) => {

    const { role } = req.user;

    if (role === "Job Seeker") {

        return next(

            new ErrorHandler("Job Seeker not allowed to access this resource.", 400)

        );

    }

    const { id } = req.params;
```



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```
const job = await Job.findById(id);

if (!job) {

    return next(new ErrorHandler("OOPS! Job not found.", 404));

}

await job.deleteOne();

res.status(200).json({

    success: true,

    message: "Job Deleted!",

});

});

export const getSingleJob = catchAsyncErrors(async (req, res,
next) => {

    const { id } = req.params;

    try {

        const job = await Job.findById(id);

        if (!job) {

            return next(new ErrorHandler("Job not found.", 404));

        }

        res.status(200).json({

            success: true,

            job,

        });

    } catch (error) {

        return next(new ErrorHandler(`Invalid ID / CastError`, 404));

    }

});
```



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```
}  
));
```

applicationController.js

```
import { catchAsyncErrors } from  
"../middlewares/catchAsyncError.js";  
  
import ErrorHandler from "../middlewares/error.js";  
  
import { Application } from "../models/applicationSchema.js";  
  
import { Job } from "../models/jobSchema.js";  
  
import cloudinary from "cloudinary";  
  
export const postApplication = catchAsyncErrors(async (req, res,  
next) => {  
  
  const { role } = req.user;  
  
  if (role === "Employer") {  
  
    return next(  
  
      new ErrorHandler("Employer not allowed to access this  
resource.", 400)  
  
    );  
  
  }  
  
  if (!req.files || Object.keys(req.files).length === 0) {  
  
    return next(new ErrorHandler("Resume File Required!", 400));  
  
  }  
  
  const { resume } = req.files;
```



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```
const allowedFormats = ["image/png", "image/jpeg",  
"image/webp"];  
  
if (!allowedFormats.includes(resume.mimetype)) {  
  
    return next(  
  
        new ErrorHandler("Invalid file type. Please upload a PNG  
file.", 400)  
  
    );  
  
}  
  
const cloudinaryResponse = await cloudinary.uploader.upload(  
    resume.tempFilePath  
);  
  
if (!cloudinaryResponse || cloudinaryResponse.error) {  
  
    console.error(  
  
        "Cloudinary Error:",  
  
        cloudinaryResponse.error || "Unknown Cloudinary error"  
  
    );  
  
    return next(new ErrorHandler("Failed to upload Resume to  
Cloudinary", 500));  
  
}  
  
const { name, email, coverLetter, phone, address, jobId } =  
req.body;  
  
const applicantID = {  
  
    user: req.user._id,  
  
    role: "Job Seeker",  
  
};
```



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```
if (!jobId) {

    return next(new ErrorHandler("Job not found!", 404));

}

const jobDetails = await Job.findById(jobId);

if (!jobDetails) {

    return next(new ErrorHandler("Job not found!", 404));

}

const employerID = {

    user: jobDetails.postedBy,

    role: "Employer",

};

if (

    !name ||

    !email ||

    !coverLetter ||

    !phone ||

    !address ||

    !applicantID ||

    !employerID ||

    !resume

) {

    return next(new ErrorHandler("Please fill all fields.",

400));

}
```



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```
const application = await Application.create({

  name,

  email,

  coverLetter,

  phone,

  address,

  applicantID,

  employerID,

  resume: {

    public_id: clouddinaryResponse.public_id,

    url: clouddinaryResponse.secure_url,

  },

});

res.status(200).json({

  success: true,

  message: "Application Submitted!",

  application,

});

});

export const employerGetAllApplications = catchAsyncErrors(

  async (req, res, next) => {

    const { role } = req.user;

    if (role === "Job Seeker") {
```




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```
        return next(

            new ErrorHandler("Job Seeker not allowed to access this
resource.", 400)

        );

    }

    const { _id } = req.user;

    const applications = await Application.find({
"employerID.user": _id });

    res.status(200).json({

        success: true,

        applications,

    });

}

);

export const jobseekerGetAllApplications = catchAsyncErrors(

    async (req, res, next) => {

        const { role } = req.user;

        if (role === "Employer") {

            return next(

                new ErrorHandler("Employer not allowed to access this
resource.", 400)

            );

        }

        const { _id } = req.user;
```



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```
const applications = await Application.find({
  "applicantID.user": _id });

res.status(200).json({
  success: true,
  applications,
});
}
);

export const jobseekerDeleteApplication = catchAsyncErrors(
  async (req, res, next) => {
    const { role } = req.user;

    if (role === "Employer") {
      return next(
        new ErrorHandler("Employer not allowed to access this
resource.", 400)
      );
    }

    const { id } = req.params;

    const application = await Application.findById(id);

    if (!application) {
      return next(new ErrorHandler("Application not found!",
404));
    }

    await application.deleteOne();

    res.status(200).json({
```



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```
    success: true,  
  
    message: "Application Deleted!",  
  
  });  
  
}  
  
);
```

Middlewareares

Auth.js

```
import { User } from "../models/userSchema.js";  
  
import { catchAsyncErrors } from './catchAsyncError.js';  
  
import ErrorHandler from './error.js';  
  
import jwt from "jsonwebtoken";  
  
  
export const isAuthenticated = catchAsyncErrors(async (req, res, next) => {  
  
  const { token } = req.cookies;  
  
  if (!token) {  
  
    return next(new ErrorHandler("User Not Authorized", 401));  
  
  }  
  
  const decoded = jwt.verify(token, process.env.JWT_SECRET_KEY);  
  
  req.user = await User.findById(decoded.id);  
  
  next();  
});
```



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```
});
```

catchAsyncError.js

```
export const catchAsyncErrors = (theFunction) => {  
  
  return (req, res, next) => {  
  
    Promise.resolve(theFunction(req, res, next)).catch(next);  
  
  };  
  
};
```

error.js

```
class ErrorHandler extends Error {  
  
  constructor(message, statusCode) {  
  
    super(message);  
  
    this.statusCode = statusCode;  
  
  }  
  
}  
  
export const errorMiddleware = (err, req, res, next) => {  
  
  err.message = err.message || "Internal Server Error";  
  
  err.statusCode = err.statusCode || 500;  
  
  if (err.name === "CastError") {  
  
    const message = `Resource not found. Invalid ${err.path}`;  
  
    err = new ErrorHandler(message, 400);  
  
  }  
  
}
```



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```
}

if (err.code === 11000) {

    const message = `Duplicate ${Object.keys(err.keyValue)}
Entered`,

    err = new ErrorHandler(message, 400);

}

if (err.name === "JsonWebTokenError") {

    const message = `Json Web Token is invalid, Try again!`;

    err = new ErrorHandler(message, 400);

}

if (err.name === "TokenExpiredError") {

    const message = `Json Web Token is expired, Try again!`;

    err = new ErrorHandler(message, 400);

}

return res.status(err.statusCode).json({

    success: false,

    message: err.message,

});

});

export default ErrorHandler;
```

applicationRoutes.js

```
import express from "express";

import {
```



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```
employerGetAllApplications,  
  
jobseekerDeleteApplication,  
  
jobseekerGetAllApplications,  
  
postApplication,  
  
} from "../controllers/applicationController.js";  
  
import { isAuthenticated } from "../middlewares/auth.js";  
  
  
const router = express.Router();  
  
  
router.post("/post", isAuthenticated, postApplication);  
  
router.get("/employer/getall", isAuthenticated,  
employerGetAllApplications);  
  
router.get("/jobseeker/getall", isAuthenticated,  
jobseekerGetAllApplications);  
  
router.delete("/delete/:id", isAuthenticated,  
jobseekerDeleteApplication);  
  
  
export default router;
```

jobRoutes.js

```
import express from "express";  
  
import {  
  
    deleteJob,  
  
    getAllJobs,  
  
    getMyJobs,
```



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Munshi nagar, Andheri (W) ,Mumbai - 400058
(Autonomous Institute Affiliated to University of Mumbai)
[Department of Computer Science and Engineering (Master of
Computer Applications)]

```
getSingleJob,  
  
postJob,  
  
updateJob,  
  
} from "../controllers/jobController.js";  
  
import { isAuthenticated } from "../middlewares/auth.js";  
  
const router = express.Router();  
  
router.get("/getall", getAllJobs);  
  
router.post("/post", isAuthenticated, postJob);  
  
router.get("/getmyjobs", isAuthenticated, getMyJobs);  
  
router.put("/update/:id", isAuthenticated, updateJob);  
  
router.delete("/delete/:id", isAuthenticated, deleteJob);  
  
router.get("/:id", isAuthenticated, getSingleJob);  
  
export default router;
```

userRoutes.js

```
import express from "express";  
  
import { login, register, logout, getUser } from  
"../controllers/userController.js";  
  
import { isAuthenticated } from "../middlewares/auth.js";  
  
const router = express.Router();
```



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```
router.post("/register", register);

router.post("/login", login);

router.get("/logout", isAuthenticated, logout);

router.get("/getuser", isAuthenticated, getUser);

export default router;
```

jwtToken.js

```
export const sendToken = (user, statusCode, res, message) => {

  const token = user.getJWTToken();

  const options = {

    expires: new Date(

      Date.now() + process.env.COOKIE_EXPIRE * 24 * 60 * 60 *

1000

    ),

    httpOnly: true, // Set httpOnly to true

  };

  res.status(statusCode).cookie("token", token, options).json({

    success: true,

    user,

    message,

    token,

  });

};
```

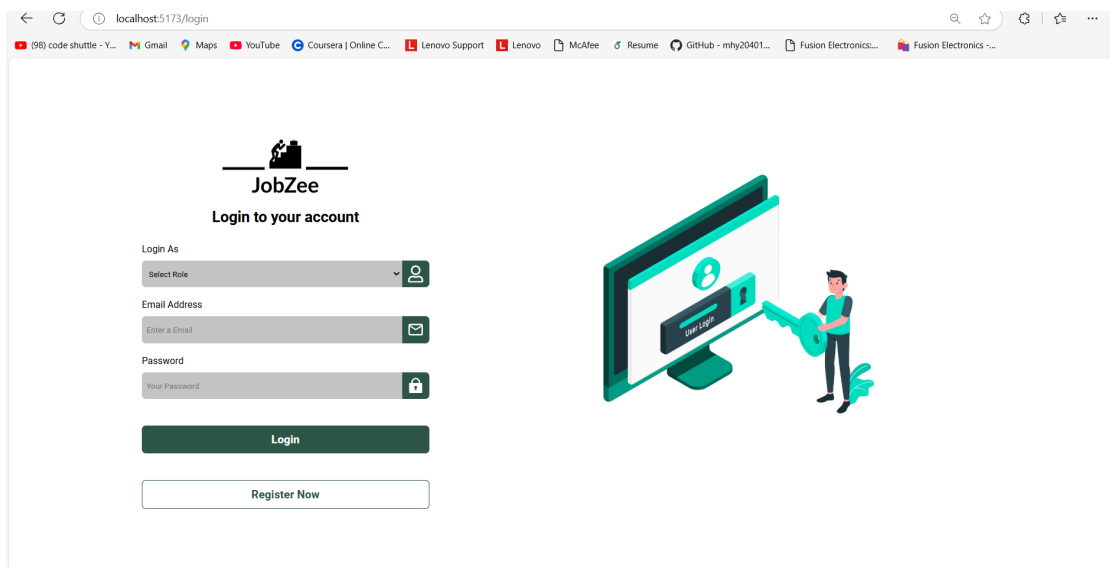



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Output

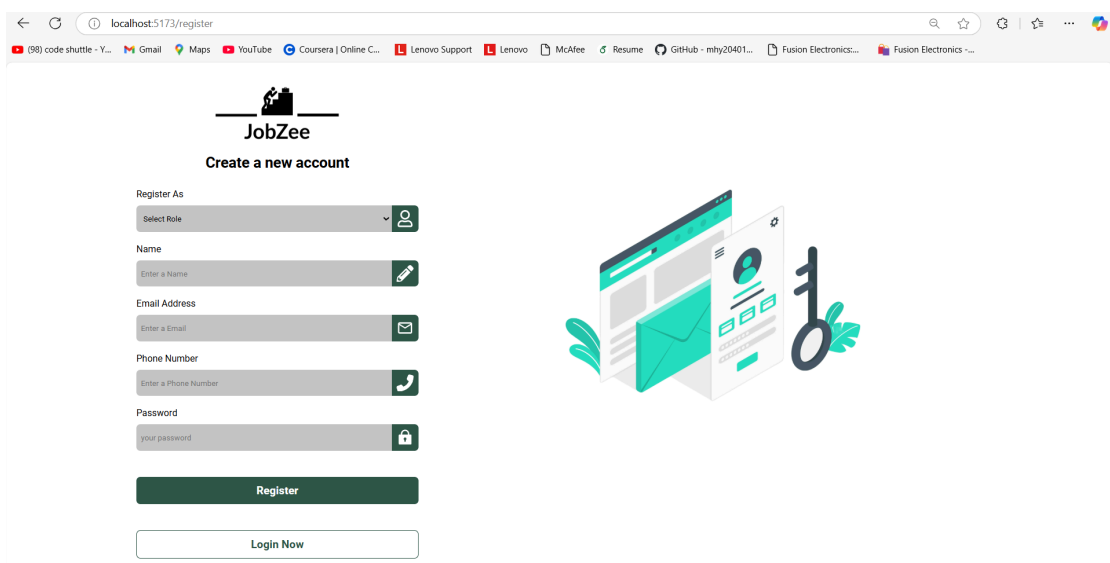
Screenshot

Login Page



The screenshot shows the JobZee login page in a web browser. The page has a clean, modern design with a white background. On the left, there is a login form with the following fields: "Login As" (a dropdown menu with "Select Role" and a user icon), "Email Address" (a text input with "Enter a Email" and an email icon), and "Password" (a text input with "Your Password" and a lock icon). Below these fields are two buttons: a green "Login" button and a white "Register Now" button with a green border. On the right side of the page, there is a large, stylized illustration of a person holding a large key, standing next to a computer monitor that displays a login form. The browser's address bar shows "localhost:5173/login".

Register Page

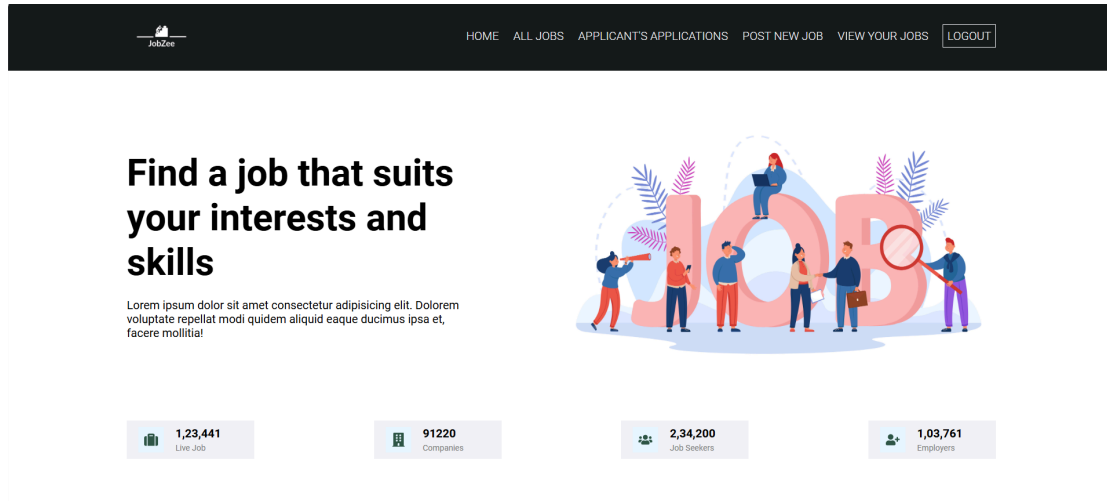


The screenshot shows the JobZee register page in a web browser. The page has a clean, modern design with a white background. On the left, there is a registration form with the following fields: "Register As" (a dropdown menu with "Select Role" and a user icon), "Name" (a text input with "Enter a Name" and a pencil icon), "Email Address" (a text input with "Enter a Email" and an email icon), "Phone Number" (a text input with "Enter a Phone Number" and a phone icon), and "Password" (a text input with "your password" and a lock icon). Below these fields are two buttons: a green "Register" button and a white "Login Now" button with a green border. On the right side of the page, there is a large, stylized illustration of a person holding a large key, standing next to a computer monitor that displays a registration form. The browser's address bar shows "localhost:5173/register".



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Employer Home.jsx



postjob page

POST NEW JOB

SDE

India

Mindspace | Airoli, Navi Mumbai

Fixed Salary

50000

scidjkckcnmcsojsjaoskomsxsxs

MERN STACK Development

Navi Mumbai

CREATE JOB

postedjob page



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Your Posted Jobs

Title: SDE Intern	Description: A MERN Stack Developer is responsible for developing full-stack web applications using MongoDB, Express.js, React or Angular, and Node.js.
Country: India	
City: Navi Mumbai	Location: Mindspace Airoli, Navi Mumbai
Category: MERN STACK Development	<div>EDIT</div> <div>DELETE</div>
Salary: 20000 25000	
Expired: FALSE	

Title: SDE	Description: scljdjcknmcsoksajsaoskomsxxsx
Country: India	
City: Navi Mumbai	Location: Mindspace Airoli, Navi Mumbai
	<div>EDIT</div>

Jobseeker Home page

← ↻ 📄 localhost:5173 🔍 ⚙️ ⭐️ ⋮

🔴 (98) code shuttle - Y... 📧 Gmail 📍 Maps 📺 YouTube 🌐 Coursera | Online C... 📄 Lenovo Support 📄 Lenovo 📄 McAfee 📄 Resume 📄 GitHub - mhy20401... 📄 Fusion Electronics... 📄 Fusion Electronics...

HOME ALL JOBS MY APPLICATIONS

LOGOUT

Find a job that suits your interests and skills

Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorem voluptate repellat modi quidem aliquid eaque ducimus ipsa et, facere mollitia!

1,23,441

Live Job

91220

Companies

2,34,200

Job Seekers

1,03,761


Employers

localhost:5173



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Available job


HOME ALL JOBS MY APPLICATIONS LOGOUT

ALL AVAILABLE JOBS

SDE Intern
MERN Stack Development
India
[Job Details](#)

SDE
MERN Stack Development
India
[Job Details](#)

JobDetailspage



Job Details

Title: SDE Intern

Category: MERN Stack Development

Country: India

City: Navi Mumbai

Location: Mindspace Airoli, Navi Mumbai

Description: A MERN Stack Developer is responsible for developing full-stack web applications using MongoDB, Express.js, React or Angular, and Node.js.

Job Posted On: 2024-12-17T15:44:22.826Z

Salary: 20000 - 25000

[Apply Now](#)



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MondoDB Compass

UserData

The screenshot shows the MongoDB Compass interface. On the left, the 'CONNECTIONS (2)' panel lists 'cluster0.ofxpu.mongodb.net' and 'localhost:27017'. Under 'localhost:27017', the 'MERN_JOB_SEEKING_WEBAPP' database is expanded, showing collections: 'Project', 'applications', 'jobs', 'users', 'admin', 'config', and 'local'. The 'users' collection is selected. The main panel shows the 'Documents' tab with a query bar containing '{ field: 'value' }' and a 'Generate query' button. Below the query bar are buttons for 'ADD DATA', 'EXPORT DATA', 'UPDATE', and 'DELETE'. The document list shows two users:

```
{ "_id": ObjectId("67617c1161b4781559101f75"),  
  "name": "Abhishek Jha",  
  "email": "abhishek@gmail.com",  
  "phone": 965478123,  
  "password": "$2b$10$J0KkV6h330.K09ZCxTCXv0oMCarbFw96Q6qQp6obrzzjmgMoESUYdu",  
  "role": "Employer",  
  "createdAt": 2024-12-17T13:26:41.506+00:00,  
  "__v": 0 }
```

```
{ "_id": ObjectId("6761973fadd1a61a76a9574d"),  
  "name": "Abhijeet",  
  "email": "abhijeet@gmail.com",  
  "phone": 9568412364,  
  "password": "$2b$10$0JfjMtAtZ4M1LffauuQxclzB.QTvRJM1WrpqEqi7DdwfBTGt/.",  
  "role": "Job Seeker",  
  "createdAt": 2024-12-17T15:22:39.415+00:00,  
  "__v": 0 }
```

Job Data

The screenshot shows the MongoDB Compass interface with the 'Jobs' collection selected. The breadcrumb path is 'localhost:27017 > MERN_JOB_SEEKING_WEBAPP > jobs'. The 'Documents' tab is active, showing a query bar with '{ field: 'value' }' and a 'Generate query' button. Below the query bar are buttons for 'ADD DATA', 'EXPORT DATA', 'UPDATE', and 'DELETE'. The document list shows two job postings:

```
{ "_id": ObjectId("67619c56add1a61a76a95797"),  
  "title": "SDE Intern",  
  "description": "A MERN Stack Developer is responsible for developing full-stack web ap...",  
  "category": "MERN Stack Development",  
  "country": "India",  
  "city": "Navi Mumbai",  
  "location": "MindSpace Airoli, Navi Mumbai",  
  "salaryFrom": 20000,  
  "salaryTo": 25000,  
  "expired": false,  
  "postedBy": ObjectId("67617c1161b4781559101f75"),  
  "jobPostedOn": 2024-12-17T15:44:22.826+00:00,  
  "__v": 0 }
```

```
{ "_id": ObjectId("6763130bcd10fdd11ca195e"),  
  "title": "SDE",  
  "description": "Scidjkkcnmcsoksojisjaoskomsxsxs",  
  "category": "MERN Stack Development",  
  "country": "India",  
  "city": "Navi Mumbai",  
  "location": "MindSpace Airoli, Navi Mumbai",  
  "fixedSalary": 50000,  
  "expired": false,  
  "postedBy": ObjectId("67617c1161b4781559101f75"),  
  "jobPostedOn": 2024-12-18T18:23:07.060+00:00,  
  "__v": 0 }
```



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Application data

localhost:27017 > MERN_JOB_SEEKING_WEBAPP > applications Open MongoDB shell

Documents 2 Aggregations Schema Indexes 1 Validation

Type a query: { field: 'value' } or [Generate query](#) Explain Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE 25 1 - 2 of 2 ⌵ ⌶ ⌷

▸

```
_id: ObjectId('67619cd5add1a61a76a957a9')
name: "Abhijeet Jadhav"
email: "abhijeet@gmail.com"
coverLetter: "dsdijdsjclznczscnsj"
phone: 9845632145
address: "zscszdjsnd,zsndszdskhshs"
resume: Object
applicantID: Object
employerID: Object
__v: 0
```

✎

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▸

```
_id: ObjectId('67619cd5add1a61a76a957ae')
name: "Abhijeet Jadhav"
email: "abhijeet@gmail.com"
coverLetter: "dsdijdsjclznczscnsj"
phone: 9845632145
address: "zscszdjsnd,zsndszdskhshs"
resume: Object
applicantID: Object
employerID: Object
__v: 0
```